

PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/816,514
				Filing Date	March 31, 2004
				First Named Inventor	John R. Gilbert
				Art Unit	1753
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	TGZ-030

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
✓	A1	5,565,365	10-15-1996	Glass	
	A2	5,770,029	06-23-1998	Nelson, <i>et al.</i>	
	A3	5,922,591	07-13-1999	Anderson, <i>et al.</i>	
	A4	5,922,210	07-13-1999	Brody, <i>et al.</i>	
	A5	5,948,227	09-07-1999	Dubrow	
	A6	5,948,441	09-07-1999	Lenk, <i>et al.</i>	
	A7	5,962,081	10-05-1999	Ohman, <i>et al.</i>	
	A8	5,993,661	11-30-1999	Ruckenstein, <i>et al.</i>	
	A9	6,007,775	12-28-1999	Yager	
	A10	6,042,709	03-28-2000	Parce, <i>et al.</i>	
	A11	6,046,056	04-04-2000	Parce, <i>et al.</i>	
	A12	6,051,380	04-18-2000	Sosnowski, <i>et al.</i>	
	A13	6,139,831	10-31-2000	Shivashankar, <i>et al.</i>	
	A14	6,156,527	12-05-2000	Schmidt, <i>et al.</i>	
	A15	6,168,948 B1	01-02-2001	Anderson, <i>et al.</i>	
	A16	6,187,190 B1	02-13-2001	Smith, <i>et al.</i>	
	A17	6,197,595 B1	03-06-2001	Anderson, <i>et al.</i>	
	A18	6,197,599 B1	03-06-2001	Chin, <i>et al.</i>	
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	A20	6,306,590 B1	10-23-2001	Mehta, <i>et al.</i>	
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	A22	6,316,266 B1	11-13-2001	Nelson	
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	A24	6,432,290 B1	08-15-2002	Harrison, <i>et al.</i>	
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	A30	6,531,283 B1	03-11-2003	Kingsmore, <i>et al.</i>	

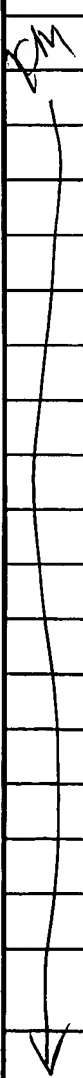
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

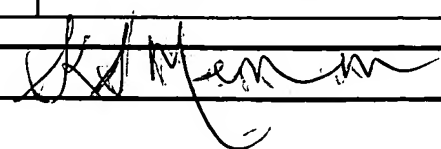
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Examiner Signature		Date Considered	4/1/05
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NON PATENT LITERATURE DOCUMENTS			
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	B1	Adam, et al. "Chemical strategies for functional proteomics." <i>Mol Cell Proteomics</i> . 2002 Oct; 1(10):781-90.	
	B2	Adam, et al. "Proteomic profiling of mechanistically distinct enzyme classes using a common chemotype." <i>Nat Biotechnol</i> . 2002 Aug; 20(8):805-9.	
	B3	Blagoev, et al. "A proteomics strategy to elucidate functional protein-protein interactions applied to EGF signaling." <i>Nat Biotechnol</i> . 2003 Mar; 21(3):315-8.	
	B4	Fey, et al. "2D or not 2D. Two-dimensional gel electrophoresis." <i>Curr Opin Chem Biol</i> . 2001 Feb; 5(1):26-33.	
	B5	Gao, et al. "Integrated microfluidic system enabling protein digestion, peptide separation, and protein identification." <i>Anal. Chem</i> . 2001; 73:2648-55.	
	B6	Gorg, et al. "The current state of two-dimensional electrophoresis with immobilized pH gradients." <i>Electrophoresis</i> . 2000 Apr; 21(6):1037-53.	
	B7	Graves, et al. "Molecular biologist's guide to proteomics." <i>Microbiol Mol Biol Rev</i> . 2002 Mar; 66(1):39-63.	
	B8	Gygi, et al. "Evaluation of two-dimensional gel electrophoresis-based proteome analysis technology." <i>Proc Natl Acad Sci USA</i> . 2000 Aug 15; 97(17):9390-5.	
	B9	Jessani, et al. "Enzyme activity profiles of the secreted and membrane proteome that depict cancer cell invasiveness." <i>Proc Natl Acad Sci USA</i> . 2002 Aug 6; 99(16):10335-40.	
	B10	Jiang, et al. "Integrated plastic microfluidic devices with esi-ms for drug screening and residue analysis." <i>Anal. Chem</i> . 2001; 73:2048-53.	
	B11	Joberty, et al. "Borg proteins control septin organization and are negatively regulated by Cdc42." <i>Nat Cell Biol</i> . 2001 Oct; 3(10):861-6.	
	B12	Kidd, et al. "Profiling serine hydrolase activities in complex proteomes." <i>Biochemistry</i> . 2001 Apr 3; 40(13):4005-15.	
	B13	Lilley, et al. "Two-dimensional gel electrophoresis: recent advances in sample preparation, detection and quantitation." <i>Curr Opin Chem Biol</i> . 2002 Feb; 6(1):46-50.	
	B14	Mann, et al. "Analysis of proteins and proteomes by mass spectrometry." <i>Annu Rev Biochem</i> . 2001; 70:437-73.	
	B15	Mann, et al. "Proteomic analysis of post-translational modifications." <i>Nat Biotechnol</i> . 2003 Mar; 21(3):255-61.	
	B16	Oda, et al. "Enrichment analysis of phosphorylated proteins as a tool for probing the phosphoproteome." <i>Nat Biotechnol</i> . 2001 Apr; 19(4):379-82.	
	B17	Ong, et al. "An evaluation of the use of two-dimensional gel electrophoresis in proteomics." <i>Biomol Eng</i> . 2001 Nov; 18(5):195-205.	
	B18	Pandey, et al. "Analysis of receptor signaling pathways by mass spectrometry: identification of vav-2 as a substrate of the epidermal and platelet-derived growth factor receptors." <i>Proc Natl Acad Sci USA</i> . 2000 Jan 4; 97(1):179-84.	
	B19	Sydor, et al. "Protein expression profiling arrays: tools for the multiplexed high-throughput analysis of proteins." <i>Proteome Sci</i> . 2003 Jun 10; 1(1):3.	

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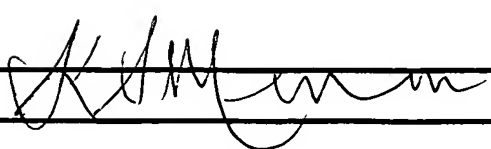
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WJ	C1	Wang, <i>et al.</i> "Integration of polymeric membranes with microfluidic networks for bioanalytical applications." <i>Electrophoresis</i> . 2001; 22:3857-67.	
	C2	Wang, <i>et al.</i> "High resolution chiral separation using microfluidics-based membrane chromatography." <i>Journal of Chromatography A</i> 942. 2002; 115-22.	
J	C3	Xiang, <i>et al.</i> "An integrated microfabricated device for dual microdialysis and on-line ESI-ion trap mass spectrometry for analysis of complex biological samples." <i>Anal. Chem.</i> 1999; 71:1485-90.	
J	C4	Xu, <i>et al.</i> "A microfabricated dialysis device for sample cleanup in electrospray ionization mass spectrometry." <i>Anal. Chem.</i> 1998; 70:3553-6.	

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